

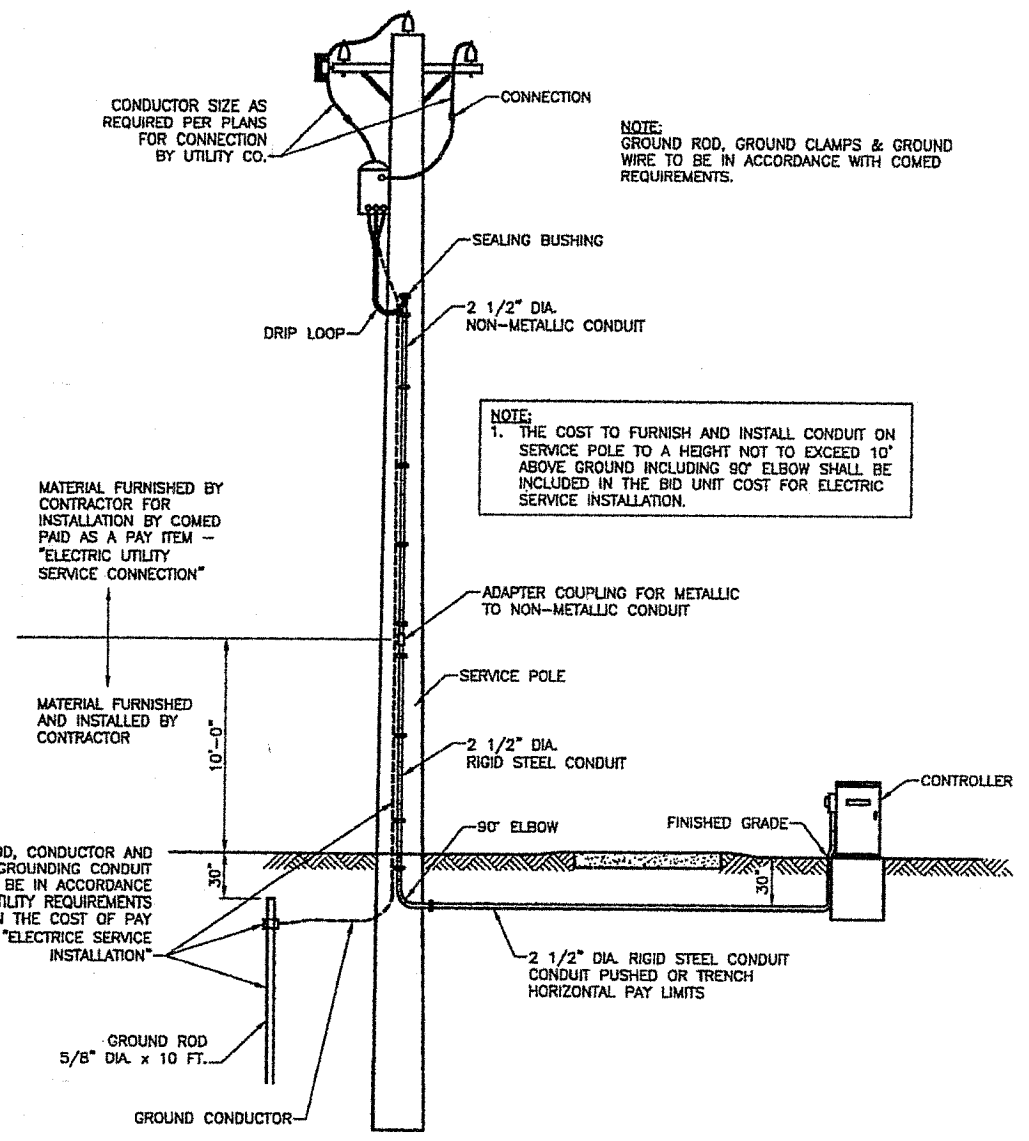
CONTROL CENTER CABINET & FOUNDATION

- 1 METERING SIDE OF CABINET
- 2 RINGLESS TYPE METER SOCKET, SUPPLIED BY OTHERS
- 3 CONTROL CENTER SIDE OF CABINET
- 4 "V"-HANDLE LATCH & SHOOT BOLTS
- 5 RUBBER GASKET BETWEEN DOOR & BOX FLANGE
- 6 STAINLESS STEEL PIANO HINGE
- 7 FORMED DOOR
- 8 CONTROL CENTER BOX TO BE CONSTRUCTED OF 1/8" THICK SHEET ALUMINUM
- 9 1" CHAMFER
- 10 POURED IN PLACE CLASS SI CONCRETE FOUNDATION
- 11 GALVANIZED STEEL CONDUITS 3" DIA., TWO MORE THAN NECESSARY
- 12 GALVANIZED STEEL CONDUITS 2" DIA., TO SERVICE POLE
- 13 GROUND ROD CONNECTED TO GROUND WIRE WITH EXOTHERMIC WELD
- 14 P.C.C. SIDEWALK, 5 INCH
- 15 VENTING TO BE ALONG ROOF LINE

DEVICE SCHEDULE	
QUANTITY	DESCRIPTION
A 1	100 AMP CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, SINGLE THROW, 600V FRAME, NON-INTERCHANGABLE TRIP, BOLT ON TYPE.
B 1	100 AMP, ELECTRICALLY OPERATED AND MECHANICALLY HELD LIGHTING CONTRACTOR, 2-POLE, 600 VOLT WITH 120 V COIL
C 6	120/240 VOLT 1 PHASE PANEL BOARD WITH 100 AMP COPPER MAINS SINGLE POLE, 30 AMP, 120 VOLT BOLT ON BRANCH CIRCUIT BREAKERS
D 1	PHOTO-ELECTRIC CELL, 120 VOLT, MOUNT ON CLOSEST POLE TO CABINET
E 2	THERMAL MAGNETIC, MOLDED CASE CIRCUIT BREAKER, 1 POLE, 15 AMP, 120 VOLT BOLT ON TYPE
F 1	CONTROL SWITCH, MOMENTARY CONTACT, SPDT, 15 AMP, 120 VOLT
G 1	CONTROL SWITCH, TOGGLE TYPE, SPDT, 20 AMP, 120 VOLT SPECIAL GRADE
I 1	MICRO SWITCH (MOUNTED WITH ACTUATOR TO SWITCH WHEN DOOR IS OPEN) 120 VOLT, 20 AMP
J 1	60 WATT LIGHT FIXTURE VAPOR TIGHT WITH GLOBE, GUARD, AND MOUNTING BOX
K 1	120 VOLT, 15 AMP RECEPTACLE, SPECIFICATION GRADE IN NEMA 5-15R WEATHER PROOF BOX WITH FLAP-TYPE COVER. OUTLET TO BE GFI-TYPE.
L 1	POWER RELAY WITH 25 AMP CONTACTS RATED FOR CONTRACTOR INRUSH CURRENT - 120 VOLT COIL
M 1	SURGE ARRESTOR, 5 WIRE EDCO *4803 OR EQUAL
N 2	TERMINAL BLOCK, 120 VOLT, 50 AMP MAXIMUM WITH NUMBER OF TERMINALS AS INDICATED

120/240 VOLT CONTROLLER PANEL WIRING DIAGRAM

- NOTES:
1. ALL CIRCUIT BREAKERS SHALL HAVE AN INTERRUPT RATING OF 18,000 AMPS
 2. UL LISTED DEVICES/COMPONENTS SHALL BE USED
 3. NO SPLICES OF WIRES IN CABINET
 4. CONTROL WIRE TO BE #12 MTW
 5. POWER WIRE SHALL BE RATED RHH/RHW 600 VOLTS OF SIZE INDICATED
 6. LIGHTING CONTROLLER SHALL BE SERVICE ENTRANCE RATED



PROPOSED SERVICE INSTALLATION POLE TOP MOUNTED TRANSFORMER

revised 12/21/07

Drawing file: W:\Projects\76009033 - Grand Ave Streetscape\Lighting Details.dwg Dec 14, 2007 - 8:57am

HANCOCK ENGINEERING

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◆ Established 1911

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**GRAND AVENUE STREETScape PROJECT
VILLAGE OF RIVER GROVE, ILLINOIS**

LIGHTING DETAILS

SCALE:	NONE	SHEET	26 / 35
DRAWN BY:	LEV/ECW/MK	OF	
BOOK NO.:	1441,1443,1516		
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